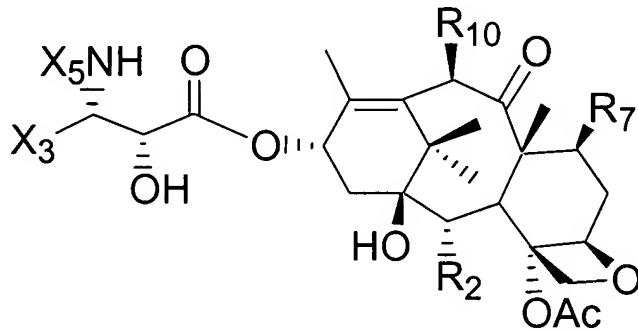


**IN THE CLAIMS:**

1. (currently amended) A method of inhibiting tumor growth in a mammal, said method comprising **orally** administering a therapeutically effective amount of a composition comprising at least one pharmaceutically acceptable carrier and a taxane having the formula

5



wherein

$X_3$  is 2-thienyl, 3-thienyl, 2-furyl, 3-furyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, isopropyl, isobut enyl, cyclopropyl, cyclobutyl or cyclopentyl;

10  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is 2-furyl, 2-thienyl, 3-pyridyl, 4-pyridyl, n-propyl, isobutyl, butenyl or isobut enyl or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is ethyl, n-propyl, isopropyl or isobutyl;

$R_2$  is benzyloxy;

$R_7$  is  $R_{7a}COO-$ ;

$R_{10}$  is hydroxy; and

$R_{7a}$  is heterosubstituted methyl.

2. (original) The method of claim 1 wherein  $X_3$  is 2-thienyl or 3-thienyl.

3. (original) The method of claim 1 wherein  $X_3$  is 2-furyl or 3-furyl.

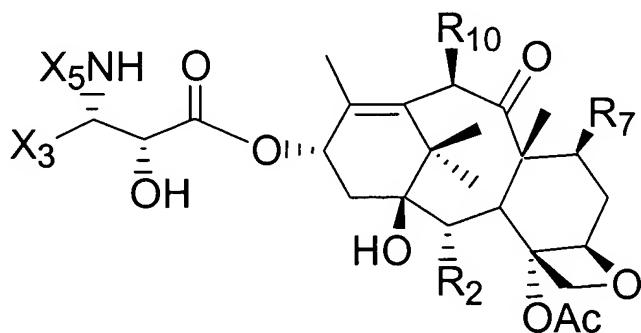
4. (original) The method of claim 1 wherein  $R_{7a}$  is acetoxyethyl, methoxymethyl, phenoxyethyl, ethoxymethyl or methylthiomethyl.

5. (original) The method of claim 4 wherein  $X_3$  is 2-furyl or 3-furyl.

6. (original) The method of claim 4 wherein  $X_3$  is 2-thienyl or 3-thienyl.

7. (currently amended) A method of inhibiting tumor growth in a mammal, said method comprising ~~orally~~ administering a therapeutically effective amount of a composition comprising at least one pharmaceutically acceptable carrier and a taxane having the formula

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wherein

$X_3$  is 2-furyl or 2-thienyl;

$X_5$  is  $-\text{COO}X_{10}$  and  $X_{10}$  is t-amyl;

R<sub>2</sub> is benzyloxy;

10

R<sub>7</sub> is R<sub>7a</sub>COO-;

$R_{10}$  is hydroxy; and

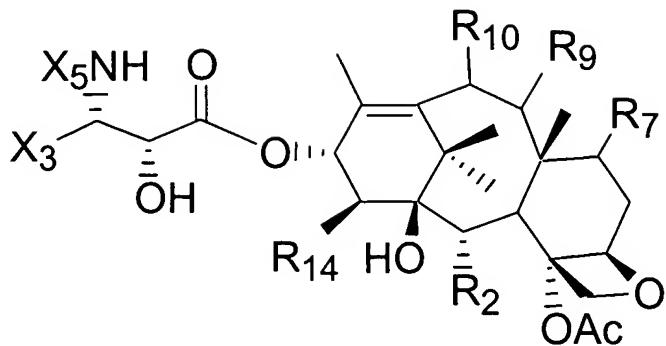
$R_{7a}$  is methoxymethyl or acetoxyethyl.

8. (original) The method of claim 7 wherein  $R_{7a}$  is methoxymethyl.

9. (original) The method of claim 7 wherein  $X_3$  is 2-furyl.

10. (original) The method of claim 7 wherein  $X_3$  is 2-thienyl.

11. (original) A method for preparing a pharmaceutical composition comprising mixing at least one nonaqueous, pharmaceutically acceptable solvent and a taxane having the formula



wherein

5             $R_2$  is acyloxy;  
           $R_7$  is heterosubstituted acetate;  
           $R_9$  is keto, hydroxy, or acyloxy;  
           $R_{10}$  is hydroxy;  
           $R_{14}$  is hydrido or hydroxy;

10            $X_3$  is substituted or unsubstituted alkyl, alkenyl, alkynyl or heterocyclo;  
           $X_5$  is  $-COX_{10}$ ,  $-COOX_{10}$ , or  $-CONHX_{10}$ ;  
           $X_{10}$  is hydrocarbyl, substituted hydrocarbyl, or heterocyclo; and  
          Ac is acetyl.

12. (original) The method of claim 11 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl or 4-pyridyl,  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl.

13. (original) The method of claim 11 wherein  $R_7$  is  $R_{7a}COO^-$  and  $R_{7a}$  is a heterosubstituted methyl wherein the heteroatom is substituted to form a heterocyclo, alkoxy, alkenoxy, alkynoxy, aryloxy, hydroxy, protected hydroxy, oxy, acyloxy, nitro, amino, amido, thiol, ketal, acetal, ester or ether.

14. (original) The method of claim 11 wherein  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is substituted or unsubstituted  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl.

15. (original) The method of claim 11 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl or 4-pyridyl,  $C_1$  -  $C_8$  alkyl,  $C_2$  -  $C_8$  alkenyl, or  $C_2$  -  $C_8$  alkynyl,  $R_7$  is  $R_{7a}COO-$  and  $R_{7a}$  is a heterosubstituted methyl wherein the heteroatom is substituted to form a heterocyclo, alkoxy, alkenoxy, alkynoxy, aryloxy, hydroxy, 5 protected hydroxy, oxy, acyloxy, nitro, amino, amido, thiol, ketal, acetal, ester or ether.

16. (original) The method of claim 11 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl or 4-pyridyl,  $C_1$  -  $C_8$  alkyl,  $C_2$  -  $C_8$  alkenyl, or  $C_2$  -  $C_8$  alkynyl,  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1$  -  $C_8$  alkyl,  $C_2$  -  $C_8$  alkenyl, or  $C_2$  -  $C_8$  alkynyl, or 5  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is substituted or unsubstituted  $C_1$  -  $C_8$  alkyl,  $C_2$  -  $C_8$  alkenyl, or  $C_2$  -  $C_8$  alkynyl.

17. (original) The method of claim 11 wherein  $R_7$  is  $R_{7a}COO-$ ,  $R_{7a}$  is a heterosubstituted methyl wherein the heteroatom is substituted to form a heterocyclo, alkoxy, alkenoxy, alkynoxy, aryloxy, hydroxy, protected hydroxy, oxy, acyloxy, nitro, amino, amido, thiol, ketal, acetal, ester or ether,  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is substituted or 5 unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1$  -  $C_8$  alkyl,  $C_2$  -  $C_8$  alkenyl, or  $C_2$  -  $C_8$  alkynyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is substituted or unsubstituted  $C_1$  -  $C_8$  alkyl,  $C_2$  -  $C_8$  alkenyl, or  $C_2$  -  $C_8$  alkynyl.

18. (original) The method of claim 11 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1$  -  $C_8$  alkyl,  $C_2$  -  $C_8$  alkenyl, or  $C_2$  -  $C_8$  alkynyl,  $R_7$  is  $R_{7a}COO-$ ,  $R_{7a}$  is a heterosubstituted methyl wherein the heteroatom is substituted to form a heterocyclo, alkoxy, alkenoxy, alkynoxy, aryloxy, hydroxy, protected hydroxy, oxy, acyloxy, nitro, amino, amido, thiol, ketal, acetal, ester or ether,  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is substituted or 5 unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1$  -  $C_8$  alkyl,  $C_2$  -  $C_8$  alkenyl, or  $C_2$  -  $C_8$  alkynyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is substituted or unsubstituted  $C_1$  -  $C_8$  alkyl,  $C_2$  -  $C_8$  alkenyl, or  $C_2$  -  $C_8$  alkynyl.

19. (original) The method of claim 13 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl or 3-thienyl.

20. (original) The method of claim 14 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl or 3-thienyl.

21. (original) The method of claim 19 wherein  $R_7$  is  $R_{7a}COO^-$  and  $R_{7a}$  is a heterosubstituted methyl wherein the heteroatom is substituted to form an alkoxy or acyloxy.